PHOSPHOR BLENDS AND BACKLIGHT SOURCES FOR LIQUID CRYSTAL DISPLAYS

Abstract of Disclosure

A phosphor composition that comprises at least one phosphor emitting in each of the blue, green, and red regions of the visible spectrum is disposed adjacent to a backlight source of a color liquid crystal display. The phosphor composition emits strongly in the wavelength ranges of color filters used in such display. The backlight source includes either a semiconductor light-emitting diode or an organic light-emitting device.

Figures